

<div style="position: relative; height: 100px;"> <div style="position: absolute; top: 0; left: 0; width: 100%; height: 100%; border: 2px solid black; border-radius: 50%; text-align: center; line-height: 100px; font-size: 24px; font-weight: bold;"> PIPE MAY 21 2004 PATENT & TRADEMARK OFFICE </div> </div> <p style="margin-top: 10px;">INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)</p>				ATTY DOCKET NO. 04383(3883.00027)		SERIAL NO. 10/749,169	
				Young et al.			
				FILING December 30, 2003		GROUP 2632	
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
SW	5,404,128	04/1995	Ogino et al.	340	425.5		
	5,474,327	12/1995	Schousek	280	735		
	5,570,903	11/1996	Meister et al.	280	735		
	5,594,222	01/1997	Caldwell	200	600		
	5,877,677	03/1999	Fleming et al.	340	436		
	5,890,758	04/1999	Pone et al.	297	15		
	5,931,254	08/1999	Loraas et al.	180	272		
	5,931,527	08/1999	D'Onofrio et al.	297	146		
	5,954,398	09/1999	Namba et al.	297	257		
	5,975,612	11/1999	Macey et al.	296	66		
✓	6,012,007	01/2000	Fortune et al.	701	45		
FOREIGN PATENT DOCUMENTS							
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							
EXAMINER			DATE CONSIDERED				
SW			4/16/05				

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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
SW		6,250,672	06/2001	Ryan et al.	280	735	
		6,323,444	11/2001	Aoki	177	144	
		6,342,683	01/2002	Aoki et al.	177	144	
		US 2002/0056975 A1	05/2002	Yoon et al.	280	735	
		6,394,490	05/2002	Osmer et al.	280	735	
		US 2002/0079728 A1	06/2002	Tame	297	344.1	
		6,422,595	07/2002	Breed et al.	280	735	
		US 2002/0098730 A1	07/2002	Babala et al.	439	248	
		6,457,545	10/2002	Michaud et al.	180	272	
		6,474,739	11/2002	Lagerweij	297	341	
✓		6,476,514	11/2002	Schondorf	307	10.1	
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							
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S. J. W. M.				6/16/05			
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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
SW		US 2002/0195807 A1	12/2002	Ishida	280	735		
		6,506,069	01/2003	Babala et al.	439	248		
		US 2003/0040858 A1	02/2003	Wallace	701	45		
		US 2003/0071479 A1	04/2003	Schaller et al.	296	136		
		US 2003/0090133 A1	05/2003	Nathan et al.	297	217.3		
		US 2003/0106723 A1	06/2003	Thakur et al.	177	144		
		US 2003/0111276 A1	06/2003	Kajiyama	177	144		
		6,605,877	08/2003	Patterson et al.	307	10.1		
		6,609,054	08/2003	Wallace	701	45		
		US 2003/0164715 A1	09/2003	Lester	324	661		
✓		US 2003/0171036 A1	09/2003	Aujla et al.	439	660		
FOREIGN PATENT DOCUMENTS								
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)								
EXAMINER		SW/ JWM			DATE CONSIDERED 6/16/05			
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SW	5,413,378	05/1995	Steffens, Jr. et al.	280	735	
	5,485,000	01/1996	Schneider	235	494	
	5,653,462	08/1997	Breed et al.	280	735	
	5,694,320	12/1997	Breed	364	424.055	
	5,731,781	03/1998	Reed	342	135	
	5,739,757	04/1998	Gloutsos	340	667	
	5,748,473	05/1998	Breed et al.	364	424.055	
	5,810,392	09/1998	Gagnon	280	735	
	5,822,707	10/1998	Breed et al.	701	49	
	5,829,782	11/1998	Breed et al.	280	735	
✓	5,835,613	11/1998	Breed et al.	382	100	

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
SW	EP 0 689 967 A1	03/1996	Europe				✓
I	WO 98/41424	03/1997	WIPO				✓

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

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SW	5,848,802	12/1998	Breed et al.	280	735	
	5,901,978	05/1999	Breed et al.	280	735	
	5,943,295	08/1999	Varga et al.	367	99	
	5,971,432	10/1999	Gagnon et al.	280	735	
	6,027,138	02/2000	Tanaka et al.	280	735	
	6,039,139	03/2000	Breed et al.	180	271	
	6,043,743	03/2000	Saito et al.	340	562	
	6,056,079	05/2000	Cech et al.	180	273	
	6,078,854	06/2000	Breed et al.	701	49	
	6,081,757	06/2000	Breed et al.	701	45	
✓	6,088,640	07/2000	Breed	701	45	

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SW	6,101,436	08/2000	Fortune et al.	701	45	
	6,116,639	09/2000	Breed et al.	280	735	
	6,134,492	10/2000	Breed et al.	701	49	
	6,141,432	10/2000	Breed et al.	382	100	
	6,168,198	01/2001	Breed et al.	280	735	
	6,186,537	02/2001	Breed et al.	280	735	
	6,220,627	04/2001	Stanley	280	735	
	6,234,519	05/2001	Breed	280	735	
	6,234,520	05/2001	Breed et al.	280	735	
	6,242,701	06/2001	Breed et al.	177	144	
	6,253,134	06/2001	Breed et al.	701	49	

FOREIGN PATENT DOCUMENTS

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						YES	NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

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S. J. Smith

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SW	RE37,260	07/2001	Varga et al.	367	99	
	6,254,127	07/2001	Breed et al.	280	735	
	6,270,116	08/2001	Breed et al.	280	735	
	6,279,946	08/2001	Johnson et al.	280	734	
	6,283,503	09/2001	Breed et al.	280	735	
	6,324,453	11/2001	Breed et al.	701	45	
	6,325,414	12/2001	Breed et al.	280	735	
	6,330,501	12/2001	Breed et al.	701	49	
	US 2002/0003345A1	01/2002	Stanley et al.	280	735	
	6,353,394	03/2002	Maeda et al.	340	667	
	6,393,133	05/2002	Breed et al.	382	100	

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EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
SW	6,397,136	05/2002	Breed et al.	701	45	
	6,407,347	06/2002	Blakesley	177	144	
	6,412,813	07/2002	Breed et al.	280	735	
	6,416,080	07/2002	Gillis et al.	280	735	
	6,442,465	08/2002	Breed et al.	701	45	
	6,442,504	08/2002	Breed et al.	702	173	
	6,445,988	09/2002	Breed et al.	701	45	
✓	6,452,870	09/2002	Breed et al.	367	99	

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

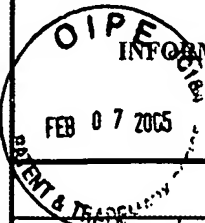
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 INFORMATION DISCLOSURE CITATION <i>(Use several sheets if necessary)</i>				Docket Number (Optional) 04383 (3883.00027)		Application Number 10/749,169		
				Applicant(s) Young et al.				
				Filing Date December 30, 2003		Group Art Unit 2632		
U.S. PATENT DOCUMENTS								
*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
U.S. PATENT APPLICATION PUBLICATIONS								
*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
SW		US 2003/0196495 A1	10/2003	Saunders et al.	73	862.041		
I		US 2003/0220766 A1	11/2003	Saunders et al.	702	173		
FOREIGN PATENT DOCUMENTS								
	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
							YES	NO
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